ELSEVIER

Journal of the Autonomic Nervous System 71 (1998) 201–203

Journal of the
Autonomic
Nervous
System

Author Index

Abe, T., Morgan, D., Sengupta, J.N., Gebhart, G.F. and Gutterman, D.D.
Attenuation of ischemia-induced activation of cardiac sympathetic afferents following brief myocardial ischemia in cats (71) 28
Aibiki, M., see Xu, H. (71) 48
Akkaya, V., see Sözen, A.B. (71) 25
Anderson, R.L., see Morris, J.L. (71) 64
Armour, J.A., see Darvesh, S. (71) 75
Arnolda, L.F., see Llewellyn-Smith, I.J. (71) 96
Atoji, Y., see Yamamoto, Y. (71) 111

Baertschi, A.J., see Grubb, M.C. (71) 85
Bennett, M.R., see Brain, K.L. (71) 120
Bini, R., see Roatta, S. (71) 159
Bizot-Espiard, J.-G., see Niijima, A. (71) 134
Bosone, D., see Roatta, S. (71) 159
Braas, K.M., see Kennedy, A.L. (71) 190
Brain, K.L. and Bennett, M.R.
Calcium transients evoked by action potentials in the somata of chick ciliary neurons (71) 120
Bywater, R.A.R., see Spencer, N.J. (71) 37

Cavallini, A., see Roatta, S. (71) 159
Chalmers, J.P., see Llewellyn-Smith, I.J. (71) 96
Chen, Q.-H., Nishida, Y., Zhou, M.-S., Murakami, H., Morita, H., Hosomi, H. and Kosaka, H.
Organ and development related difference in tissue norepinephrine concentrations in Dahl rats (71) 175
Chen, Y., Uemura, K., Yoshioka, S., Surina-Baumgartner, D.M., Miura, H., Tamagawa, T., Hotta, N. and Iguchi, A.
Centrally administered TRH-induced insulin secretion is impaired in the Otsuka-Long-Evans-Tokushima Fatty rats, a model of spontaneous non-insulin-dependent diabetes mellitus (71) 10
Chiba, T. and Tanaka, K.
A target specific pathway from nitric oxide synthase immunoreactive preganglionic sympathetic to superior cervical ganglion neurons innervating the submandibular salivary gland (71) 139
Choi, C.D., see Won, M.H. (71) 55
Chun, S.-J., see Niijima, A. (71) 134

Darvesh, S., MacDonald, S.E., Losier, A.M., Martin, E., Hopkins, D.A. and Armour, J.A.
Cholinesterases in cardiac ganglia and modulation of canine intrinsic cardiac neuronal activity (71) 75
Demachi, J., see Takita, T. (71) 69
Demirel, Ş., see Sözen, A.B. (71) 25
Di Giulio, C., Huang, W., Mokashi, A. and Lahiri, S.
Further characterization of stimulus interaction of cat carotid chemoreceptors (71) 196
Dreshaj, I.A., see Haxhiu, M.A. (71) 167

Ermilov, L.G., see Hanani, M. (71) 1
Ernsberger, P., see Haxhiu, M.A. (71) 167
Erokwu, B.O., see Haxhiu, M.A. (71) 167

Galligan, J.J., see Yunker, A.M.R. (71) 148
Gebhart, G.F., see Abe, T. (71) 28
Gibbins, I.L., see Morris, J.L. (71) 64
Grasby, D.J., see Morris, J.L. (71) 64
Grubb, M.C., Stornetta, R.L., Pence, R., Baertschi, A.J. and Guyenet, P.G.
Antagonist precipitated clonidine withdrawal in rat: Effects on locus coeruleus neurons, sympathetic nerves and cardiovascular parameters (71) 85
Guardiola-Lemaitre, B., see Niijima, A. (71) 134
Gutterman, D.D., see Abe, T. (71) 28
Güven, Ö., see Sözen, A.B. (71) 25
Guyenet, P.G., see Grubb, M.C. (71) 85

Hanani, M., Ermilov, L.G., Schmalz, P.F., Louzon, V., Miller, S.M. and Szurszewski, J.H.
The three-dimensional structure of myenteric neurons in the guinea-pig ileum (71) 1
Harakall, S.A., see Kennedy, A.L. (71) 190
Hardwick, J.C., see Kennedy, A.L. (71) 190
Haxhiu, M.A., Dreshaj, I.A., McFadden, C.B., Erokwu, B.O. and Ernsberger, P.
I_1-imidazoline receptors and cholinergic outflow to the airways (71) 167
Hopkins, D.A., see Darvesh, S. (71) 75
Hosomi, H., see Chen, Q.-H. (71) 175

Hotta, N., see Chen, Y. (71) 10
Huang, W., see Di Giulio, C. (71) 196

Igarashi, T., Ikomi, F. and Ohhashi, T.
Electrical stimulation-induced α_1- and α_2-adrenoceptors-mediated contraction in isolated dog thoracic ducts (71) 18
Iguchi, A., see Chen, Y. (71) 10
Ikeda, J., see Takita, T. (71) 69
Ikomi, F., see Igarashi, T. (71) 18
Ikuta, Y., see Shimoda, O. (71) 183

Jo, S.M., see Won, M.H. (71) 55

Kang, T.-C., see Won, M.H. (71) 55
Kennedy, A.L., Harakall, S.A., Lynch, S.W., Braas, K.M., Hardwick, J.C., Mawe, G.M. and Parsons, R.L.
Expression and physiological actions of neuropeptide Y in guinea pig parasympathetic cardiac ganglia (71) 190
Kitoh, J., see Won, M.H. (71) 55
Korkut, F., see Sözen, A.B. (71) 25
Kosaka, H., see Chen, Q.-H. (71) 175
Kudat, H., see Sözen, A.B. (71) 25

Lahiri, S., see Di Giulio, C. (71) 196
Li, S.-L., see Takita, T. (71) 69
Llewellyn-Smith, I.J., Arnolda, L.F., Pilowsky, P.M., Chalmers, J.P. and Minson, J.B.
GABA- and glutamate-immunoreactive synapses on sympathetic preganglionic neurons projecting to the superior cervical ganglion (71) 96
Losano, G., see Roatta, S. (71) 159
Losier, A.M., see Darvesh, S. (71) 75
Louzon, V., see Hanani, M. (71) 1
Lynch, S.W., see Kennedy, A.L. (71) 190

MacDonald, S.E., see Darvesh, S. (71) 75
Martin, E., see Darvesh, S. (71) 75
Matsuo, K., see Won, M.H. (71) 55
Mawe, G.M., see Kennedy, A.L. (71) 190
McFadden, C.B., see Haxhiu, M.A. (71) 167
Micieli, G., see Roatta, S. (71) 159
Miller, S.M., see Hanani, M. (71) 1
Minson, J.B., see Llewellyn-Smith, I.J. (71) 96
Miura, H., see Chen, Y. (71) 10
Mokashi, A., see Di Giulio, C. (71) 196
Morgan, D., see Abe, T. (71) 28
Morita, H., see Chen, Q.-H. (71) 175
Morris, J.L., Grasby, D.J., Anderson, R.L. and Gibbins, I.L.
Neurochemical distinction between skeletal muscle vasodilator neurons and pelvic vasodilator neurons in guinea-pigs (71) 64
Murakami, H., see Chen, Q.-H. (71) 175

Nagai, K., see Niijima, A. (71) 134
Niijima, A., Chun, S.-J., Shima, T., Bizot-Espiard, J.-G., Guardiola-Lemaitre, B. and Nagai, K.
Effect of intravenous administration of melatonin on the efferent activity of the adrenal nerve (71) 134
Nishi, M., see Shimoda, O. (71) 183
Nishida, Y., see Chen, Q.-H. (71) 175

Ogli, K., see Xu, H. (71) 48
Ogura, S., see Xu, H. (71) 48
Oh, Y.S., see Won, M.H. (71) 55
Ohhashi, T., see Igarashi, T. (71) 18
Özcan, M., see Sözen, A.B. (71) 25

Parsons, R.L., see Kennedy, A.L. (71) 190
Passatore, M., see Roatta, S. (71) 159
Pence, R., see Grubb, M.C. (71) 85
Pilowsky, P.M., see Llewellyn-Smith, I.J. (71) 96

Roatta, S., Micieli, G., Bosone, D., Losano, G., Bini, R., Cavallini, A. and Passatore, M.
Effect of generalised sympathetic activation by cold pressor test on cerebral haemodynamics in healthy humans (71) 159

Schmalz, P.F., see Hanani, M. (71) 1
Seki, K., see Xu, H. (71) 48
Sekiguchi, Y., see Takita, T. (71) 69
Sengupta, J.N., see Abe, T. (71) 28
Shima, T., see Niijima, A. (71) 134
Shimoda, O., Ikuta, Y., Nishi, M. and Uneda, C.
Magnitude of skin vasomotor reflex represents the intensity of nociception under general anesthesia (71) 183
Shirato, K., see Takita, T. (71) 69
Sözen, A.B., Demirel, Ş., Akkaya, V., Kudat, H., Tükek, T., Yeneral, M., Özcan, M., Güven, Ö. and Korkut, F.
Autonomic dysfunction in vitamin B12 deficiency: A heart rate variability study (71) 25
Spencer, N.J., Bywater, R.A.R. and Taylor, G.S.
Disinhibition during myoelectric complexes in the mouse colon (71) 37
Stornetta, R.L., see Grubb, M.C. (71) 85
Surina-Baumgartner, D.M., see Chen, Y. (71) 10
Suzuki, Y., see Yamamoto, Y. (71) 111
Szurszewski, J.H., see Hanani, M. (71) 1

Takita, T., Ikeda, J., Sekiguchi, Y., Demachi, J., Li, S.-L. and Shirato, K.
Nitric oxide modulates sympathetic control of left ventricular contraction in vivo in the dog (71) 69
Tamagawa, T., see Chen, Y. (71) 10
Tanaka, K., see Chiba, T. (71) 139
Taylor, G.S., see Spencer, N.J. (71) 37
Tükek, T., see Sözen, A.B. (71) 25

Uemura, K., see Chen, Y. (71) 10
Uneda, C., see Shimoda, O. (71) 183

Won, M.H., Matsuo, K., Jo, S.M., Kang, T.-C., Oh, Y.S., Choi, C.D. and Kitoh, J.
Brainstem origin of the efferent components of the cervical vagus nerve in the house musk shrew, *Suncus murinus* (71) 55

Xu, H., Aibiki, M., Seki, K., Ogura, S. and Ogli, K.
Effects of dexmedetomidine, an α_2-adrenoceptor agonist, on renal sympathetic nerve activity, blood pressure, heart rate and central venous pressure in urethane-anesthetized rabbits (71) 48

Yamamoto, Y., Atoji, Y. and Suzuki, Y.
Neurochemical markers in the nervous plexus of the canine glottis (71) 111

Yeneral, M., see Sözen, A.B. (71) 25
Yoshioka, S., see Chen, Y. (71) 10
Yunker, A.M.R. and Galligan, J.J.
Extrinsic denervation increases myenteric nitric oxide synthase-containing neurons and inhibitory neuromuscular transmission in guinea pig (71) 148

Zhou, M.-S., see Chen, Q.-H. (71) 175

ELSEVIER

Journal of the Autonomic Nervous System 71 (1998) 204–205

Journal of the
Autonomic
Nervous
System

Subject Index

Acetylcholine, (71) 75
Acetylcholinesterase, (71) 75
Acidosis, (71) 196
Adrenal nerve, (71) 134
α_2-Adrenergic receptors, (71) 85
α_1- and α_2-Adrenoceptors, (71) 18
Airway mechanoreceptor, (71) 167
Airway reflex constriction, (71) 167
Algesimetry, (71) 183
Ambigual nuclear complex, (71) 55
Amino acids, (71) 96
Antagonist precipitated withdrawal, (71) 85
Autonomic dysfunction, (71) 25
Autonomic nervous system, (71) 111
Baroreceptor reflex system, (71) 48
B12 deficiency, (71) 25
Blood pressure, (71) 175
Body temperature, (71) 139
Bradykinin, (71) 28
Butyrylcholine, (71) 75
Butyrylcholinesterase, (71) 75
Calcitonin gene-related peptide (CGRP), (71) 64
Calcium, (71) 196
Cardiac ganglia, (71) 190
Carotid chemoreceptors, (71) 196
Central α_2-adrenergic agonist, (71) 48
Central nervous system, (71) 10
Cerebral circulation, (71) 159
Cholera toxin B subunit, (71) 96
Clonidine, (71) 85
Cold pressor test, (71) 159
Co-localisation, (71) 64
Colon, (71) 37
Confocal microscopy, (71) 1
CO_2 stimulus, (71) 196
Dahl rats, (71) 175
Development, (71) 175
Dexmedetomidine, (71) 48
Dorsal motor nucleus of the vagus nerve, (71) 55
Efaroxan, (71) 167
Efferent activity, (71) 134
Endoplasmic reticulum, (71) 120
Enteric nervous system, (71) 1, (71) 37, (71) 148
Excitatory innervation, (71) 18
Facilitation, (71) 120
Gastrointestinal tract, (71) 148
Glucose metabolism, (71) 134
Guinea pig, (71) 1, (71) 190
Heart rate variability: spectral analysis, (71) 25
Hemodynamics, (71) 48
Hemoglobin, (71) 196
Hepatic vagotomy, (71) 134
Horseradish peroxidase, (71) 55
Hydrogen peroxide, (71) 28
I_1-imidazoline receptor, (71) 167
Immunocytochemistry, (71) 96
Inhibitory junction potential, (71) 37
Insectivore, (71) 55
Insulin, (71) 10
Intermediolateral nucleus, (71) 139
Intrinsic cardiac neurons, (71) 75
Ion channels, (71) 196
Ischemia, (71) 28
Larynx, (71) 111
Laser Doppler flowmeter, (71) 183
Locus coeruleus, (71) 85
Lymph vessel, (71) 18
Megaloblastic anemia, (71) 25
Melatonin, (71) 134
Mitochondria, (71) 120
Moxonidine, (71) 167
Myenteric plexus, (71) 1
L-NAME, (71) 69
Neural, (71) 28
Neural blood pressure control, (71) 48
Neural control of circulation, (71) 85
Neural plasticity, (71) 148
Neurochemical markers, (71) 64
Neurons, (71) 1
Neuropeptide tyrosine, (71) 190
Neuropeptide Y, (71) 190
NIDDM, (71) 10
Nitric oxide, (71) 69
Nitric oxide synthase, (71) 139, (71) 148

Nitric oxide synthase (NOS), (71) 64
Nociception, (71) 183
No NO-ergic inhibitory innervation, (71) 18
Norepinephrine, (71) 69
Organ differences, (71) 175
O_2 stimulus, (71) 196
Otsuka-Long-Evans-Tokushima Fatty rats, (71) 10
Parasympathetic neurons, (71) 190
Pelvic neurons, (71) 64
Peripheral α_2-adrenoceptor, (71) 48
Pernicious anemia, (71) 25
Phonation, (71) 111
Plasma norepinephrine, (71) 175
Positive inotropic effect, (71) 69
Preganglionic sympathetic neurons, (71) 139
Presynaptic inhibition, (71) 37
Propionylcholine, (71) 75
Rat, (71) 134, (71) 139
Reflex, (71) 28
Reperfusion, (71) 28
Retrograde tracing, (71) 55, (71) 96
Ryanodine, (71) 120
Sensory nervous system, (71) 111
Sinoaortic denervation, (71) 175
Skin blood flow, (71) 183
Skin vasomotor reflex, (71) 183
Small intensely fluorescent cell, (71) 139
Spinal cord, (71) 96
Stunning, (71) 28
Submandibular salivary gland, (71) 139
Superior cervical ganglion, (71) 139
Suprachiasmatic nucleus, (71) 134
Sympathetic nerve, (71) 69
Sympathetic neurons, (71) 64
Sympathetic system, (71) 159
Three-dimensional reconstruction, (71) 1
Thyrotropin-releasing hormone, (71) 10
Tissue norepinephrine, (71) 175
Tolerance and dependence, (71) 85
Transcranial Doppler, (71) 159
Ultrastructure, (71) 96
Vagal efferent, (71) 167
Vagal sensory nerve endings, (71) 167
Vagus nerve, (71) 10
Vasoactive intestinal peptide (VIP), (71) 64
Vasodilator neurons, (71) 64
Vasoregulation, (71) 111